

FIG. 1

	C1	C2	C3	C4 (optional)	C5 (optional)	C6 (optional)
R1						
R2						
R3						
R4						
R5						
R6						
R7						
R8						

Diagram illustrating the structure of the table:

- Row Labels:** R1, R2, R3, R4, R5, R6, R7, R8
- Column Labels:** C1, C2, C3, C4 (optional), C5 (optional), C6 (optional)
- Column Descriptions:**
 - C1:** Delivery Server Address
 - C2:** Destination Domain
 - C3:** Estimated Distance (milliseconds)
 - C4 (optional):** number of times being selected per hour
 - C5 (optional):** Health
 - C6 (optional):** Time-To-Live (minutes)

Sample data:

Delivery Server Address	Destination Domain	Estimated Distance (milliseconds)	number of times being selected per hour	Health	Time-To-Live (minutes)
152.192.16.15	182.192	100	100	Working	1
153.192.16.15	182.192	90	90	Down	2
154.192.16.15	182.192	10	10	Working	9
155.192.17.15	155.192	20	20	Working	8
156.192.17.15	156.192			Working	1
157.192.17.15	156.192	50	50	Working	5
158.192.17.15	156.192	70	70	Working	3

FIG. 2

FIG. 3

310	371	372	373	374	375 (optional)	376 (optional)	377 (optional)	378 (optional)	379 (optional)
320	Delivery Server Address	Destination Domain	Preference	Number of lost packet s	Number of connection s	Estimate d distance	of times being selected per hour	Health	Time-To-Live (minute s)
321	152.192.16.15	182.192	1	100	1	100	100	Working	1
322	153.192.16.15	182.192	2	200	2	90	90	Down	2
330	154.192.16.15	182.192	9	900	9	10	10	Working	9
340	155.192.17.15	155.192	8	800	8	20	20	Working	8
350	156.192.17.15	156.192	1	100	1	10	10	Working	1
360	157.192.17.15	156.192	5	500	5	50	50	Working	5
	158.192.17.15	156.192	3	300	3	70	70	Working	3

FIG. 4

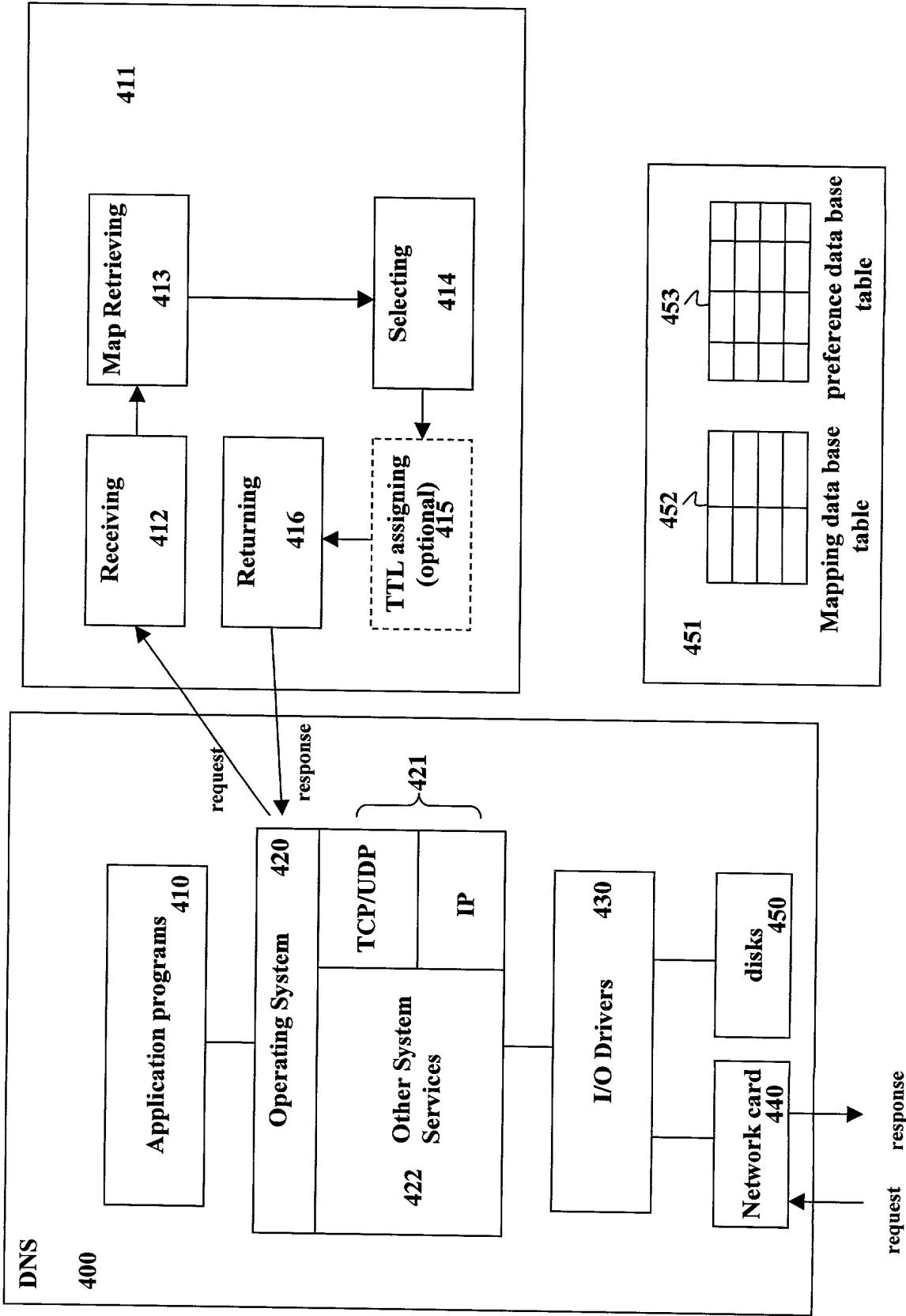


FIG. 5a

510	Entering at least one name in at least two entries in a mapping table
520	

Entering a preference number to each entry in a preference table

Retrieving from the mapping table all addresses mapped to the input name supplied in the request message

Retrieving from the preference table a preference number associated with each retrieved address and the requester identifier identifying the requester

Selecting one of the retrieved mapped addresses based on the retrieved preference numbers

Returning a response comprising the selected retrieved mapped address

FIG. 5b

FIG. 6a

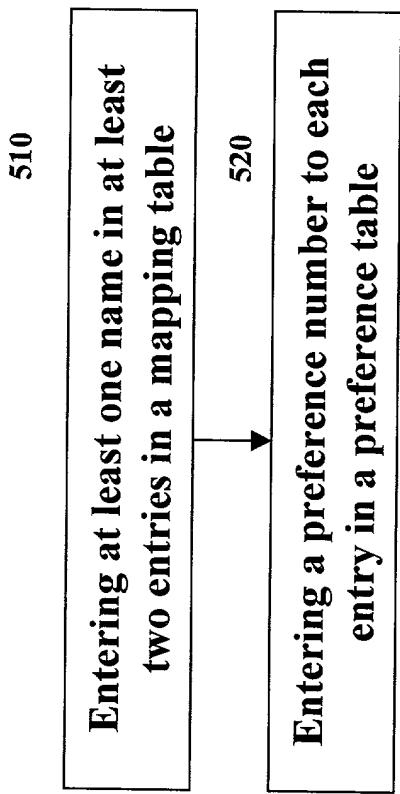


FIG. 6b

